

Title (en)

A METHOD OF PROVIDING A HOUSING FOR LIGHTING DEVICES AND CORRESPONDING HOUSING

Title (de)

VERFAHREN ZUR BEREITSTELLUNG EINES GEHÄUSES FÜR BELEUCHTUNGSVORRICHTUNGEN UND ENTSPRECHENDES GEHÄUSE

Title (fr)

PROCÉDÉ DE FOURNITURE D'UN BOÎTIER POUR DISPOSITIFS D'ÉCLAIRAGE ET BOÎTIER CORRESPONDANT

Publication

EP 3190339 A1 20170712 (EN)

Application

EP 16207382 A 20161229

Priority

IT UB20169901 A 20160111

Abstract (en)

A housing (10) for lighting devices (L), e.g. LED lighting devices, includes: - a planar element (12) of thermally and electrically conductive material, the planar element (12) including a first portion (12a) with electrically conductive lines for an electrically-powered light radiation source (L) and a second portion (12b) with a thermally conductive pattern, - a vat-like body (14) of thermally conductive and electrically insulating material, the vat-like body (14) having a bottom wall (14) with one or more window portions therein, the planar element (12) being coupled with the bottom wall (140) of the vat-like body (14) with the electrically conductive lines (12a) extending over bottom wall (140) and the thermally conductive pattern (12b) extending at the window portion(s), - a further body (16) of thermally and electrically conductive material, coupled with bottom wall (140) of vat-like body (14), with the thermally conductive pattern (12b) of the planar element (12) which extends at window portion(s) of the bottom wall (140) of the vat-like body (14) in thermal contact with further body (16).

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- US 2007121326 A1 20070531 - NALL JEFFREY [US], et al
- US 2009135997 A1 20090528 - DEFREITAS KENNETH [US], et al
- US 2009277684 A1 20091112 - TAKAHASHI SHIGEMASA [JP], et al
- US 2011095690 A1 20110428 - SAGAL E MIKHAIL [US]
- EP 1469707 A2 20041020 - INTEGRAL TECHNOLOGIES INC [US]
- EP 2312204 A1 20110420 - AUTOMOTIVE LIGHTING ITALIA SPA [IT]
- EP 2432038 A1 20120321 - LIANG MENG PLASTIC SHARE CO LTD [TW]
- EP 2827687 A1 20150121 - OSRAM GMBH [DE], et al
- CN 201210013309 A 20120116

Citation (search report)

- [Y] DE 102006017718 A1 20070516 - KROMBERG & SCHUBERT GMBH & CO [DE]
- [Y] WO 2011155851 A1 20111215 - VELU PANNIRSELVAM A L [NZ]

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